



IH-A750IB

IH-A751IW

IH-A752IB

150 watt

auto/air power inverter



user manual

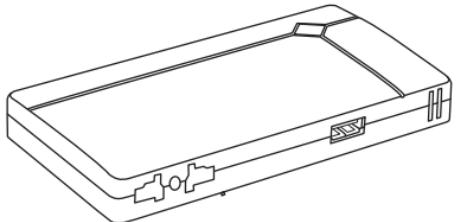
Congratulations on the purchase of your new **150 watt auto/air power inverter**. This product comes with a limited lifetime warranty.

Before using your product, please thoroughly read and follow the instructions inside this manual.

If you still need help, see the back page for other support options.

If you want to know more about our products, visit us online at [www.life-works.com](http://www.life-works.com).

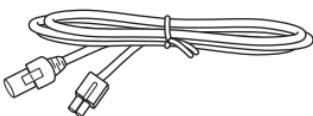
# your package should contain



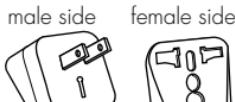
150 watt auto/air power inverter



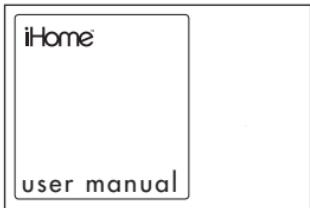
airline to cigarette lighter adapter



DC power cable



2 to 3-prong adapter



user manual  
(in your hands right now)

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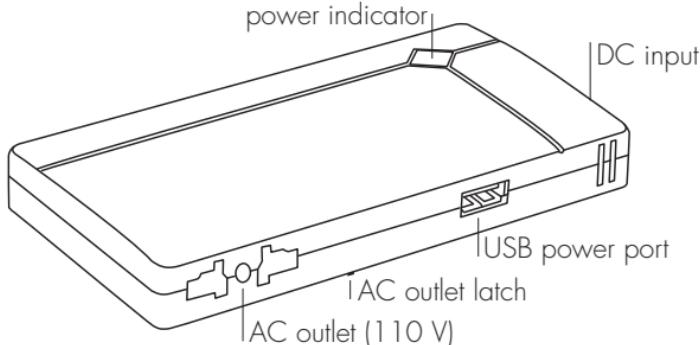
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## features

- converts DC to household AC power
- 150 watts
- multiple safety features
- airline outlet to cigarette lighter adapter
- powers USB devices such as iPod®, BlackBerry® devices and cell phones
- power indicator light

## your new power inverter



**⚠ WARNING** To avoid overheating or permanent damage to the inverter, do not use with appliances that consume more than 150W. It should also not be used with inductive loads, including fluorescent lamps, products that generate heat (such as heaters, toasters, coffee makers or hair dryers), or pumps.

Examples of typical consumption (for reference only):

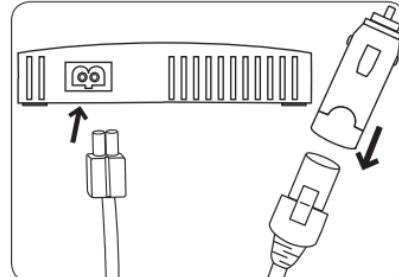
notebook computer	50 watts
cell phone charger	25 watts
portable printer	30 watts

Please refer to the device manual before connecting any device to the power inverter.

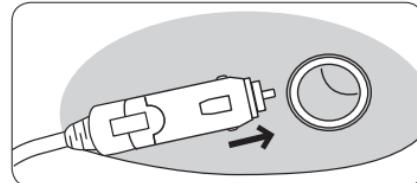
## connect hardware

### to connect to a cigarette lighter

1. Connect the DC power cable to the power inverter and attach the adapter.



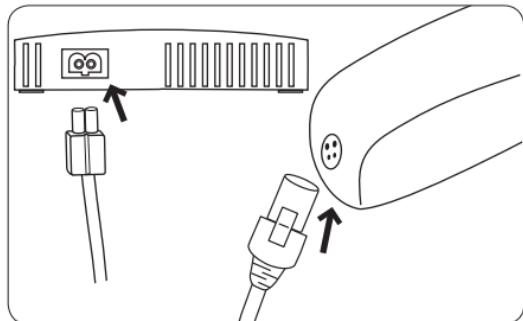
2. Plug the cigarette lighter adapter into a cigarette lighter.



The power indicator turns green if the cigarette lighter is working and at the right voltage. If it turns red, the cigarette lighter is not working correctly or is providing the wrong voltage. See "troubleshooting" on page 6 for more information.

## to connect to an airline power outlet

1. Connect the DC power cable to the power inverter.
2. Connect the airline power connector to the airline power outlet.



The indicator light turns green if the airline power outlet is working and at the right voltage. If it turns red, the outlet is not working correctly or is providing the wrong voltage. See "troubleshooting" on page 6 for more information.

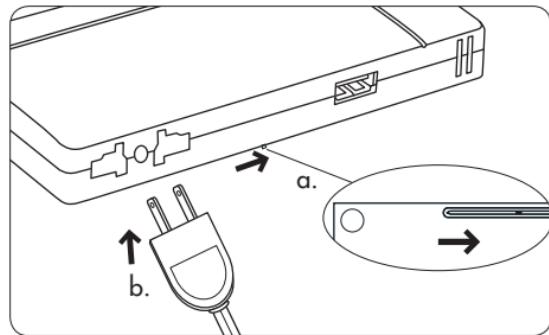
► **note** Not all airlines offer power outlets. Check with the airline or your travel agent if you plan to use the inverter during your flight.

**warning:** Connect only to a 12 volt DC power source. If you connect to a lower voltage the inverter will not function. If you connect to a higher voltage you may damage the inverter.

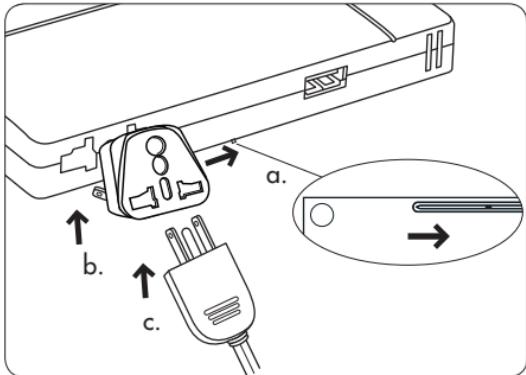
## to power a device

You can power and/or charge portable devices such as iPod, BlackBerry® devices, cell phones, laptops, digital cameras and portable DVD players.

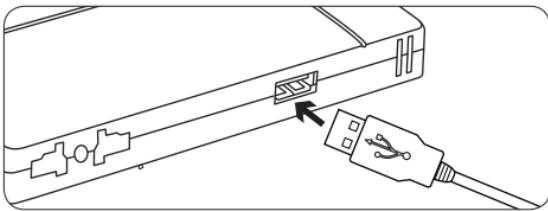
To power an AC device, slide the latch on the bottom of the inverter to expose the AC power outlet, then connect your device.



► **note** If you are powering a device with three prongs instead of two, connect the 2 to 3-prong adapter before connecting the device.



- To power a USB device, connect the device to the USB port on the inverter.



## power requirements

### DC power source requirements

The power inverter must only be connected to a power source with a nominal output voltage of 12 volts. The unit will not operate from a 6 volt source and will be damaged if it is connected to a 24 volt source. The power source must provide 11–15.5 volts DC. The power source may be a battery or other well-regulated 12 V DC power supply. If you are connecting to a cigarette lighter, check your vehicle's owner manual before connecting the power inverter.

### AC power load guidelines

Most electrical tools, appliances and audio/video equipment have labels that indicate the power consumption in amperes (A) or watts (W). Be sure that the continuous power consumption of the item(s) you wish to operate is rated at 150 watts or less. If the power consumption is rated in amperes, simply multiply by the AC voltage output of the inverter (110 V) to determine the wattage. For example, a power drill rated at 1 A will draw 110 W. Do not use the power inverter to operate products that require more than 150 watts of continuous power.

## USB power port

The USB power port puts out a maximum of 500 mA at 5 V DC. If your USB device draws more current than this it will not work.

## product operating tips

- Do not leave devices connected and turned on when the vehicle is not running. The vehicle battery may become drained.
- Unplug the power inverter when not in use.
- When using the inverter in your car, disconnect it before starting the car to avoid power surges which could damage the inverter.
- Use the USB power port to charge your iPod or other USB-powered devices.
- Use the 2 to 3-prong adapter when charging a 3-prong device to ensure it is safely grounded.

## troubleshooting

### situation try this

indicator light is red	<ul style="list-style-type: none"><li>• Ensure all connections are properly made.</li><li>• Ensure any devices plugged in are rated at less than 150 watts total power.</li><li>• Ensure the input voltage is between 11 and 15.5 volts DC (typical automotive 12 volt systems operate in this range).</li><li>• If the inverter is hot, unplug it from the power source, let it cool off, then plug it back in again.</li></ul>
device does not receive power	<ul style="list-style-type: none"><li>• Ensure the power source is on.</li><li>• Ensure the input voltage is between 11 and 15.5 volts DC.</li></ul>

## FCC Statement

This device complies with part 15 of FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction guide, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult a service representative for help.

Properly shielded and grounded cables and connectors must be used in order to comply with FCC emission limits. LifeWorks is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

Responsible party:

LifeWorks Technology Group LLC  
1412 Broadway  
New York, NY 10018

## ⚠ Warning

Improper setup, use and care of this product can increase the risk of serious injury, death or device damage. Read and keep this guide and all other printed guides for future reference. For updated guides or replacements, go to [www.life-works.com](http://www.life-works.com)

## ⚠ Do Not Attempt Repairs

Do not attempt to take apart, open, repair, service or modify the device(s). Doing so may risk electric shock or other hazard. Evidence of any attempt to open or modify the device, including any peeling, puncture or removal of labels, will void the Limited Lifetime Warranty.

## Safety Precautions

- When using the power inverter, ensure that nothing comes in contact with the AC connector. The inverter outputs 120 volts of electricity and should be accorded the same respect as a wall socket.
- Disconnect the inverter when not in use.
- Do not leave the inverter or any device connected to it unattended in your vehicle.
- For indoor use only. Do not use near water or moisture.
- Do not use near flammable materials or near flammable fumes or gases.
- Keep out of reach of children.

If a power cord or power supply becomes damaged in any way, stop using it immediately. Unplug the device during lightning storms or when unused for long periods of time.



Tested To Comply With FCC Standards  
FOR HOME OR OFFICE USE

## **technical support**

for technical support please visit

**[www.life-works.com](http://www.life-works.com)**

or call (877) LIFE-540  
(877-543-3540)

## **lifetime warranty**

for warranty information, please visit

**[www.life-works.com/warranty](http://www.life-works.com/warranty)**

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for model numbers

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IH-A752IB

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